

coming to town before Easter
I am exceedingly loth to give
it up because I had looked
forward with so much
pleasure to spending 3 or 4
weeks with you in town but
various considerations interfere
I may come up for a few days
and certainly shall if Dr
Hooker comes home.

Ever yours sincerely

George Deutham

10
Pontrilas 18712

[135]

My dear Gray

Since my return I have
been very busy working up enough
of Brown's plants for a commencement
of my second Report in order to
show I am doing something and
to get published what others
took so much trouble to read
me months ago. I am also
working up pariparua Champion
Hong Kong plants as I must
show him also a beginning
so that as my specimens are
now it will be difficult for
me to answer your queries
excepting as I come to the
respective families in working

up others - unless you are in
any particular hurry - as
to Leguminosae pray let me
know by what time you want
them as upon that will depend
how much I can do to them

I return your *Pteleia*
character - I cannot reconcile
myself to its affinity with
Euphorbiaceae - No trace of
cocci with a persistent axis -
and erect ovules and seeds - In
those families having habitually
pendulous seeds if there occur
plants with some or all the seeds
erect the radicle retains its
usual position with relation to
the fruit in such instances as
occur to me And here you have
the radicle also pointing to the
base of the fruit. It may not

be Alstroemaceae but I think
never Alstroemaceae than
Euphorbiaceae - and we cannot
be certain that there is no such
till we have seen the male
flowers because I believe in
^{some} other die-bearing genera it
disappears in the female
flower. The bifid stigmatic
(stigmatic branches of the style)
may occur in any family where
they are usually simple as for
instance *Cleome* among Labiales

Your parcel is come but I
have not had time to open it

We go today to spend a week
with the Ludanows but I
shall occasionally come over
here to work

I begin to doubt our

Porto Rico Feb 19

[1851?]

My dear Gray

Your specimen of *Myriophyllum*
is very much like mine but
the leaves are ~~much~~ shorter the
heads smaller ~~the~~ and the scales
of the general involucre in my
plant ~~are~~ the lower ~~linear~~
portion longer with a strong
green rib with the appendages of
^{the internal squamulae have little or no long hair}
the top like that in yours. I should
think all belong to the same
species - I have it from Wright
and from Drummond's first
unnumbered collection. I have
not Drummond's later numbered
sets nor the other species you mention.

I see another *Androsace*
in I do hope it brings news

J. D. Hooker

Your truly

George Bentham

72
Porto Rico March 8 1857
1851

My dear Gray

Whilst working up Pennes
Brazilian and Champion's Hong Kong
plants I have been also laying in
Wright's & other American ones
but as I have only got as yet as
far as Malpighiaceae (in my
arrangement which is nearly & wholly)
I have not much to say about
the list you kindly sent me - and
for which I have many thanks to
give as it enables me at once to
name all my Wrightian plants -
The Krameria parvifolia appears
quite identical with Hook. & Arn. Californica
plant - although my specimen of the
latter may be rather more hairy
I quite agree with what you say
about Polygala repens - why

specimen of *Sida sagittifolia* has
no point any more than Hooker's
I have no clue to *Corechus* ~~rotu~~
pilolobus Link but the memorandum
on Shuttleworth's label of the true
C. nigrum from Florida - It is however
the only species I have which agrees
with Link's character accepted by
de Candolle - I have the true *C.*
nigrum from Jamaica and other
W. Indian Islands and from Yucatan
(sent by Torrey)

Mr Bentham wrote last
week to Mr Gray and is rather
anxious for an answer about
what is the best way to send
very small parcels to Canada
but still rather too big to send
by post - Do you know whether
the steamboats take them for a
moderate charge - and how do they
get on afterwards? - perhaps after
all the post is the best way when
they only weigh two or three

ounces

I am very sorry to hear that
Lady & Miss Hooker are both confined
with cold - this splendid weather
ought to drive them away.

How is Mr Gray's health?
I hope she has gone through
our damp winter better than
she expected - I am very much
disappointed at losing the prospect
of spending a few weeks with
you in London before you go
abroad - but we cannot leave
home before Easter - so I must
work hard - I hope to be at
Lequimora in a fortnight and
shall then work up Wright's

Yours very sincerely

George Bentham

or pyriform without angles and
smooth (*P. pinnata*) or ovate
sharp angled or narrow winged almost
that of *Utricularia* (*P. barbaudensis*)
or with three large wings at the
top and back like a *Thouinia* (*P.*
respetitica) or almost any intermediate
form - so that there is plenty of
scope for puzzling one's brains.

Yours very sincerely

George S. Watson

In writing to Hooker in a
hurry yesterday I was only thinking
of his son's return - I intended
to have asked him to take care
that I see the proof of my
papers on *Gouvier's* plants. Will
you do so for me.

Contrails March 8³
[1851]

My dear Gray

Gray thank Mr Gray for
her note - Hooker himself was
kind enough to write me a few
lines containing the good news
which I received yesterday - otherwise
Mr Gray's note would have relieved
me from much anxiety as I knew
by the paper that the mail had
come in - so I am not the less
obliged to her. I should have
written to her but that I wanted
to say a few words about *Serjania*
you ask whether a specimen of
Wright's is *Serjania* or *Pouellinia*
mine is but a fragment without
fruit - and without fruit one
cannot distinguish the genera with
certainty - Wright's plant is very
near to a *Serjania* which I have
always taken for *S. racemosa* Schum.

but about which name I have now
some doubts - and to a *Paullinia* which
from my specimens I appear to have
called in Bot. Sulph. *Paullinia pueraria*
(with acuminate leaves) and *Serjania*
leptoloma (with rounded blunt leaves)
I have now Guatemalan specimens in
good fruit showing it to be a true
Paullinia - Wright's plant is near
them both but apparently distinct
and as I see that in the *Serjanie*
allied to it the inflorescence is long
the lateral branches being developed
and in the *Paullinie* of the group
the flowers are more densely fasci-
culated & almost sessile I suspect
Wright's plant to be a *Serjania*

Torrey sent me from Eaton &
Edwardes, Monterey collection under
n. 10 two plants - one in fruit is an
Howillea apparently new the other
in fl. only with ^{ternate leaves} ~~oblongate leaves~~
as the apparently the common *Serjania*
which I take for *S. racemosa* Schum.

Would you kindly look at Hooker's

Serjanie and see whether Hooker
has made any corrections to my
Bot. Sulph. names - also if Hooker
has Schumacher's paper on *Serjania*
(from the Copenhagen transactions)
which I have not compare his figures
& description with what I have called
Serjania racemosa

Miquel's *Paullinia divariciflora* is
P. pinnata L.

Walpers' *Paullinia ellizaeana* is
Serjania cuspidata

Howilleas have always leaflets
simply ternate & generally small flowers

Serjanies have leaflets either
simply ternate or biternate - seldom if
ever pinnate - Racemes generally
loose and large flowers

Paullinies have leaflets sometimes but
rarely simply ternate - mostly biternate
simply pinnate - pinnate with the
lower pair trifoliate - or supra-
decompound. Inflorescence variable
but flowers often fascicled & subspherical -
fruit either thick stipitate glabrous -
triquetrous like a *Cuponia* (*P. coropodia*)

Dioscorea -

I thought I could have worked
up ^{weights} ~~your~~ Leguminosae, whilst naming
the other sets from various sources,
I was obliged to do but have not
had time to finish and must do
it when I return - In a set of about
100 Javanese Leguminosae from whence
I expect to meet there - are not half
a dozen new ones - not so many
as in Champion's Hong Kong set or
in Ponis Pantarem collection - the
common E. Indian Leguminosae has
a very wide geographical range - whilst
your New-Hebridean ones seem very
local

D. Orsted (or ~~as~~ they write it
Orsted) of Copenhagen has asked me to
determine his *Chenopodia* & *Cestaria*
plants amounting as he says to
about 2000 specimens & keeping a set
for myself - I have been obliged
to decline excepting certain
families - Do you know anything
of him?

Ever yours sincerely

George Donnell-Smith

26
Pontreilas April 17 1851

My dear Gray

It is very provoking that we
should just miss each other again
and that you & Mr Gray should
be at Paris precisely at the time we
shall be near or in London - I am
very angry with Mr Gray for thus
always running away from us and
shall not forgive her without a
promise from you both to spend
another week or two with us here
before you return to America

Thanks for the information
about the letter at the post office
I had written to me and I have
written to the Secretary of the Post
office - whether I shall get it or
not is a matter of doubt - I got
one the other day directed to me
"Professor of Botany London" "Trinity
University College - Not known there -
Trinity King's College - Not known there -"
and at last try Pontreilas House, Pontreilas

Many thanks about the *Chenopodia*
plants you speak of they will be

most acceptable - Whatever you know
for me I should feel much obliged
if you would send by carrier to
28 Regent Street the porter there will
pay the carriage - for Hooker's
house is so full any extra packages
are in his way.

I had a letter from Torrey last
month & shall write to him before
I leave home.

DeCandolle writes to me that his
family are all well again - he is spending
Christmas.

When at Paris you meet Mr
Widdell pray tell him how much
I regret not having had an opportunity
of making his acquaintance when
he was in London though I was there
at the time and just missed him at
kindly and at New. I trust when
next he comes to England he will
come and see me here. I am more
and more interested in South American
plants - Spruce's Amazonian ones
which I am now distributing are
now more numerous in specimens
and in the present set (about 200)

are many very interesting ones amongst
others a new genus of *Elaeagnus* quite
distinct from *Conchocarpum* - with the
leath of a *Chorophila*. If you happen to hear
of a subscriber in Paris pray mention them
I hope the Wiegand & Mellegre
collectors will pay attention well to
the *Mimosa* which appear to be
numerous there - N. 179 (130) of
Wright is not among Wiegand's
plants and I cannot make it out
My specimens certainly look as if the
inflorescence had been spicate whilst
the one you have in town looked
capitate - but one cannot always
tell for certain in fruit specimens
The two 180 (129) and 182 (140) which
I called *A. constricta* may be distinct
species but they appear to be two
intermediate forms between two
extremes among Wiegand's - In
Wiegand's collection the fruits are
sometimes loose and twice I found
one half of a pod with one specimen
and the other half of the same pod
in another sheet with another species
The name I have given in my notes
and referred to 183 (144) was *Mimosa*

London May 12 1851

47

My dear Gray

Handwritten 12345
C. D. Gray
Above is an order for £3.16.6 on the
Fondin des Plantes which you would very much oblige
me by receiving for me - I had intended receiving
it through Selmorin but missed the opportunity
At the exchange of ~~the~~ 25.00 this will make 95⁵⁰
out of which I shall be obliged to you to give M^{rs}
Gray 50⁰⁰ which she has paid for M^{rs} Bentham and
some other small sums she may want for some
little commissions she has kindly undertaken. - I have
also a commission to trouble you with - that is, to
procure for me a copy of Achille Richard's Flore
d'Egypte if it is to be had without the non-botanical
part of the work to which it is attached - I will give
you the remainder of the price of it as soon as you

come back if you will kindly advance it for me.

Since we have been in town I have not had time to look at any plants - even at Hooker's the two days we were there - The Great Exhibition occupies us in town and I have had a great deal of conversation with the Hookers & some others about Dr Joseph's affairs which I hope are now in excellent train - for giving him a footing at Kew - temporary at first - but which must lead to his permanent fixture there.

Every one is in admiration of the Great Exhibition which its most violent opponents dare not abuse now as they did before it opened - I only regret you were not here at the opening which truly was a grand sight.

We remain in town till the 20th when we return to Contreras and I shall immediately resume work I

hope to be very much fixed there the whole summer
during which we must have another visit
from you and Mr Gray

With kindest remembrances to her
believe me ever most sincerely yours

George Bentham

Mr. Bentham
(May 12, '57
London

D. A. Gray
9 Ave Richemont
à Paris

Pontreilas May 22 1851

My dear Gray

I found your letter here on reaching home last night and have many thanks to return to you for all the trouble you have had about my commission - but I am afraid I must give you still further trouble and cause you to think me very tiresome and unreasonable when I beg you if possible to undo what you have done and return the work to the bookseller - I was quite horrified at the price - so ~~very~~ much beyond what the thing is worth or what I can afford to give whatever be its worth. My notion of the Flore d'Abbaye was a couple of volumes of text at about 10p each with some 20 or 30 plates worth of plates making it come to about a couple of pounds - To give

in. with care.
 Pontreilas
 22 May 51

£10 for a work before it is finished
which when done is not worth a
quarter of that sum seems to me
quite preposterous - but I do hope
Baillière will take it back as indeed
he ought not to consider it as a
concluded bargain till you could
get an answer from me - and I have
no time in sending this.

We have had three very agreeable
but very busy weeks in town since
morning in the Great Exhibition of
three or four hours each and the
last day we could scarcely come away
from it - besides some of the usual
Exhibitions etc - two days at Kew
and very little time to see our friends
- none for botany - to which I am
now going to apply myself again
and shall profit of the memoranda
you have kindly sent about Compositae
etc.

I think that the prospects of
Harker's being employed at Kew -

temporarily in the first instance -
are very fair and the matter is
progressing favorably - when once
this it will be more easy to get
him permanently attached to the
garden.

This plan is looking very
beautiful just now - We live in
hopes of you and Mr Gray spending
another week or two with us
here

Yours very sincerely
George DeCandolle

Pontolas June 15 1851

My dear Gray

We were at Blackbrooke
(Mr Crawford's) when your letter
came and on Friday morning we
kept so late that post was already
gone out when we got home - which
will account for my having taken
no notice of it. I am delighted to
hear you spent your time so agreeably
at Paris and hope that may now
in some measure make up to Mr
Gray for having been obliged to
defer Italy till his next trip to
Europe. - On the 1st August the
railroad across Ireland will be
opened and good steamers running
from Galway to New York will
considerably shorten the voyage
across the Atlantic and I hope we

I am with you
in Pontolas - June 15: 51

may than see you often over
here - One thing however now
I cannot let you off from - that
is another visit to Portraits over it
only for a few days - there is much
I want to look over with you among
the Wrightian ac plants. and
unless you come we shall never console
ourselves for having so stupidly missed
Mr Gray both times that we have
visited London since you were here
- so come you must whether you
will or no.

The sum due by Martin is
£ 6-10-0 for Spence's plants
sent in October last There will
be a further sum due for the
set now in distribution of which
part was sent off in April but
I shall not make up the account
till the whole is sent off which

I hope will be early next month
If you do not owe Martin
is much as the £ 6-10-0 I can
add on any remaining balance
to the next account - or if you
owe him anything more than
that you might leave the
balance with me.

Yours very truly
George DeCather

Pontreilas June 26 50

My dear Gray

We are very much disappointed
at you endeavouring to back out
from your promised visit here
We cannot expect nor wish to
stand in the way of any thing
Mr Gray can see before leaving
Europe but if you can still
manage it without interfering
with your more important
arrangements I do hope you
will give us a day or two on your
way to somewhere or other

With regard to our accounts
the best way of remitting the
balance will be by a Post Office
order on the Hereford Office

Spencer plants will be
ready in about a fortnight the

(Mr. Southam
Pontreilas
June 26-11

part you found at New contains

If you are as far as Leguminosae
in size - the remainder will
be about 150 years so that the
set altogether will amount to
near \$5 - but I cannot tell
exactly till they are distributed

As soon as I have got rid of
them I set to work at Leguminosae

Yours very sincerely

George Bentham

51
Acton Cott
Throewbury
July 10 1857

My dear Gray

I duly received your note
from Ipswich but have been
too hardworked to make any
answer having been anxious
to finish and dispatch the
remainder of Spruce's *Leucospermum*
plants before coming on a visit
here for a few days and it is no
joke labelling distributing counting
and packing 22 sets (or 24 of ferns)
However I got them all sent off
yesterday morning and enclosed
your parcel in a box to Hooker.
It contains 176 specimens which with
94 sent in May makes 270, amounting
to £5.0.0 - This with the
balance of our account may

in Westham
Acton Cott
July 11 '57

be sent home either in two
P.O. orders on the Hereford Office
or in a crossed cheque on a London
banker as most convenient.

I am delighted to hear there is
still a chance of our seeing you
at Pontreilas and even Mr Gray
I only wish I could have asked
her to bring her Aunt and Cousin
too but unfortunately the capabilities
of our house and establishment are
limited. We are obliged to receive
rooms for one or two friends who
are coming to us this summer.

but your and Mr Gray's room
will be ready to receive you during
the whole of August - excepting
only the 12th 13th and 14th when a
bow meeting at Whitfield on the
15th obliges us to invite for that
day & the night before and after
some members of the archery

society living in distant parts
of the County - they come however
on the afternoon of the 12th and
leave in the morning of the 14th
and any other days during
the month we shall be quite
at your & Mr Gray's service
- there are many things I want
to see you about.

I began looking over the ferns
to take out mine but had not time
to finish - I will do so as soon as I
get home next week - Many
thanks for the trouble you have
taken about them.

Yours very sincerely
George A. Coulton

Kindest remembrances to Mr Gray

The enclosed is for Mr Gray
Poulticos

My dear Gray

Sept 11

Mr W. Hooker who has just
spent a few days with us brought
me down your packet for which
many thanks

963 Wright is one of the rutila
cracoides of Tephrosia - a group
very distinct from Tephrosia and
much nearer Coursetia. It must
be considered as a distinct genus
(including *T. caribaea* *T. mollis* *T.*
echroleuca *T. glandulifera* &c. etc)
and I think your species different
from all known to me. I have
it from Torrey gathered by Dr
Edwards near Monterey and marked
it - Cracoides is a very bad name
for a genus which has hitherto prevented
me from establishing it as such.

1020 is no lupin that I am acquainted with
I have not *L. Mexicanus* but that is described
with much fewer leaflets and the upper lip
of the calyx bifid - yours is entire - It comes
near *L. Ehrenbergii* - *L. leptocarpus* but is thus
different from either.

The other Leguminosae do not seem to

all for any new must your new *Demodius*
are all new to me - I thought at first
your *D. grammipolium* was *D.*
linearipolium De. perhaps I have from
Central America but the fruit is
different (the artist much more separate)
Sept. 14 - just received your last

Your *Cassia leptoloba* seems to be the
same as my *C. leptocarpa* *Linnaea* 22. 928
The *Eysenhardtia* varies so much that I
do not think it safe without further data
to consider your *orthocarpa* as more than
a var. I have others with exactly the
same leaves but fruit as usual even
a more curved.

952 is surely *Thaoculus Wrightii*

I do not possess *P. macrocarpa*
The little *noophylloides* is a puppe - close
to *Conoclea multifida* it has the upper division
of the calyx enlarged but not so much as in
Herpestis & the habit is so different from
Herpestis - It however is certainly intermediate
between the two genera - The stamens cells
are more distinct than usual in *Herpestis*
Phytolacca is at first right exactly like it
but the calyx & fruit are quite different
It must go next to *Conoclea multifida*

The *Mitracarpus* & the *Craeva*
are both I think good species

Yours truly

George Donnell

about Sir Warford. His address is
Ottawa Upper Canada. When we
last heard he was about to start
with two of his brothers-in-law
on a five weeks excursion up Lake
Huron to witness the annual
distribution of presents to the
Indian Chiefs whilst Lady
Bridges was to go with her
mother to Niagara - I
suppose they will be coming
back after the middle of October.

With kindest regards to

M^r Gray Ever yours sincerely
George Denham

52
Pontrevel House Hereford
Sept 25 1851

My dear Gray

We were very glad to hear
of your safe arrival home - We
were a little anxious about your
voyage which we feared would
be a rough one as we had high
wind just after you sailed. Since
then we have had beautiful weather
- nearly four weeks without rain
a most unusual thing in September
and though with cold alternations
we have had great heats - to us at
least who seldom get what I call
comfortably warm.

We have been very grieved
since you left - I sent off last
week my Leguminosae *Junghuhnia*
and am now at Hong Kong alternating
with Amazon plants.

I am much rejoiced that for

Hosier's prospects are so much improved
No answer came to the memorial
but a private application from
Sir William to Lord John did the
business at once and he is to have
£400 a year for three years to
arrange his collections - that with
what the Admiralty give him
for three years for Flora Antarctica
and what he gets from his father
a from Mr Hosier's father will
give him time to look about him
He is now at New Head at work
He is to rent Acton's house - I shall
be in town in November when I
expect much pleasure in seeing them
comfortable.

I trust you will find Wright's
plants in some bundle or one
marked outside for it cannot
be here - at least I cannot think
of any place where it could have

got hidden - It cannot have slipped
down behind a cupboard or been
carried off with the ashes like a
brooch or a locket.

In looking through your Ann. Egypt.
Egyp. Leguminos. we marked a plant
"*Dalbergia microphylla* sp. n." from
Suez which is no *Dalbergia* but
Ormocarpum seannoides.

Desori uliginosa from Fongatadon
appears to have the leaflets usually
7 (instead of usually 5) the racemes
shorter the pod rather thicker and
less veined than in the more
common *D. uliginosa* but the
number of ovules appears to have
been that of *D. uliginosa* and without
flowers I cannot consider it as a
distinct species.

In notes to St. Jungh. I have given
lists of species of many eastern
genera of *Hedyosarum* *Thauroseum*
Dalbergia and *Bauhinia* genera
Thanks for your kind enquiries

Acton Scott Thawing ⁵³
Nov 28 1857

My dear Gray

Before I left home a month ago I was exceedingly busy finishing up two or three things I had on hand and was not aware you were getting on so rapidly with Wright's plants therefore I did nothing with his Leguminosae. I shall not be home now till the 8th or 9th Dec but will immediately send you the Hoffmanneggii MSS. As to the Daleas I fear you will have the trouble of characterizing them yourself for you have already studied them and it would take me some time at present to work up the genus as I must do before I publish any.

Thanks for the Chronanthus fruit

Mr Bentham will have told Mr Gray of the ~~of~~ we have retained

of poor Snomfield - I have just
heard of the death of another
Botanical patron though not much
of a Botanist Mr Fielding of
Lancaster who bought Prescott's
Ruscon herbarium and had
accumulated in various ways
a very large herbarium is just
dead.

Yours very sincerely

George Brinkman

54
Poutrel's House
Hereford
Dec 8 1858

My dear Gray

As far as my own specimens are concerned
I find I have no additional materials to make any
alteration in the enclosed which I have carefully looked
over - I shall this winter work up Seemann's Leguminosae
from the Sierra Madre of N. W. Mexico and shall then
go through several Mexican genera but that will be
too late for Wright's - so that instead of the labours of
other men I shall have all the benefit of your
labours. - I long to see something again from your pen.
As for me I possess last Barro plants coll upon
me for my whole time till I have got rid of them

Yours very sincerely

George Dontham



United States
via Liverpool

PAID
D Ma Gray

Cambridge University
Boston



Portrillo Dec 20

My dear Gray

I find ^{that} a *Cleome* from Rio Janeiro
of the Amer. Expt. Exped. which we could
not find in DC. or Walp. and named
C. parvifolia as new, is the *C. dendroidea*
Roxm. et Schult. - R. & S.'s *Cleome* was
~~necessarily~~ ^{done} after DC's which one is apt to
forget

Enclosed you list of *Hortmanni*
N^o 1 made up as well as I can at present

The Manila paper will wait
for the present as I have enough to
last for many months & perhaps
do nearly all the Cambridge herbarium

I hear M^r & W^m Loring are to
beat Hooker's as soon as he has got
a little settled in his new house - When
I saw it a fortnight ago it did not
look anything like ready to receive them
and yet they were to be in it by Xmas
eve - I am very sorry not to be able

Mr & Mrs. Loring
to meet them now and to have
missed them by being in town a
little too soon but I trust that
on their return I may have the
pleasure of making their acquaintance
either in town or here.

Pray thank Mr. Gray for the
specimens of beans which I suppose
I am indebted to him for as they are
marked "Mr. Gray's beans". I will
report upon them the first time
I work at Leguminosae - The Lima
bean seems to be *P. lunatus* and
some of the other varieties of *P.*
vulgaris.

I have compared the longflowered
Mirabilis with our "Sweet Chariot
of Peru" or *M. longiflora* and can
find no other difference than
the smooth corolla without viscosity
In *M. longiflora* the leaves are exactly
the same as in yours, the stem leaves
always petiolate except the upper

pair or sometimes the two upper
pair are nearly sessile.

With every good wish for
the New Year and many others
to follow to yourself and Mr
Gray Believe me
Ever your most sincerely

George Bentham

55
Poutrils House Hereford
Feb 4 1852

My dear Gray

I received some time back your letter of the 5th Jan^y but was in the midst of Spence's distribution and thought I would wait till I could either give you an account of that or announce to you the arrival of the box you so kindly send I have now at length finished this tedious task and sent off the packages last Saturday I have however kept yours as I find I have no memoranda how to send it to you. Perhaps I had better make up a little box and send it to Brown and Threlly at Liverpool to forward to you I will put in at the same time the notes on Penzance's chagrin plants with the names of such as I have been able to determine.

The small packet Torrey sent me through Hooker reached me just before your last Munich visit here we looked it through together I will return the few *Eriogonum* also in your box. - with the two sheets wanting of *Lantana Hartwegiana*.

I have advice of the box you send being despatched from Liverpool - many thanks for the paper ^{of} which with the duty with and carriage will only come to one third of what I pay for paper for covers here - then two reams will last me a long time but as you do so kindly offer them I shall be most thankful for a further supply by and bye and should be a great fool if I graded the duty. I have not received the box yet but shall probably by Saturday next.

Your set of Spence's Barra plants contains 286 species amounting to ~~£ 5.10.0~~ 5.14.6

You recollect giving me a commission to get for you from Italy DeCandolle's *Illustration Botanique* in which he

publicly beyond or Alabama plants. I have executed it though I am afraid you will think it almost as bad as the companion I gave you for the Flora Abyssinica - there are ten 4^{to} parts with many of the plates coloured for which I am charged including duty etc. & but as there is so much about American plants in the work if you do not take it yourself you will I have no doubt find some one to take it off your hands - for it is not easy to get books published at Bologna and not the property of a bookseller

Yours very truly
George Donnan

Nicotyledon Chapter Reader in my set

- 2 *Apocynum*
- 3 *Scrophularia dulcis* L.
- 6 *Pimpinella* sp. n.
- 7 — *mexicana* Ch. Willd.
- 8 — *mexicanophylla* HBK.
- 10 *Sida canescens* Cav.
- 24 *Pyrronima verbanifolia* Rich.
- 26 *Samolus rugosa* Pers.
- 27 *Tetradlea volubilis* L.
- 28 *Utricularia*
- 29 —
- 30 —
- 32 —
- 33 *Clidemia*
- 34 —
- 35 —
- 37 —
- 38 *Opaea*?
- 43 *Perjanum*
- 44 —
- 45 —
- 47 *Phymaphys*
- 48 *Heteropteryx*?
- 49 *Brachypteryx borealis* A. Pers.
- 50 *Dolichocarpus*

- 51 *Luzia* sp. n.
- 53 *Hippocrepis elliptica* HBK.
- 54 *Wedelia*?
- 55 *Polygala paniculata* L.
- 59 *Psychotria*
- 60 —
- 62 —
- 64 —
- 65 *Pachira*
- 66 *Rhynchosium phaeoloides* DC.
- 70 *Centrosema pubescens* Benth.
- 71 *Maracoua truncatella* HBK. var. *glabrata*
- 72 *Rhynchosium*
- 75 *Pachystachya angulata* Pers.
- 78 *Dermadrium* aff. *D. incans* ad *D. dentatum*
- 79 *Stenolobium brachycarpum* Benth. var. *brachylobium*
- 80 *Canavalia obtusifolia* DC.
- 81 *Erythrina glauca* Willd. *Duchassaingia* Willd.
- 83 *Boila* sp. n.
- 84 *Dermadrium triflorum* DC.
- 85 *Carica occidentalis* L.
- 86 — *venusta* L. var.?
- 87 *Pitticostium (Rauvolfia)* sp. n.?
- 90 *Carica puberula* HBK.
- 91 *Mimosa Willmoreana* Mart.

- 92 *Correa obtusifolia* L.
- 93 *Guttifera chlorata* aff.
- 95 *Carra reticulata* Willd.
- 96 *Mimosa pudica* L.
- 98 — *asperata* Willd.
- 99 *Rhynchosium ciliata* Vog.
- 105 *Myrtus* (Sect. *Myrtus*)
- 106 *Loxia* sp. n.?
- 107 *Chrysobalanus ellipticus* DC. var.?
- 108 *Gouania corallifolia* Raddi
- 109 *Mucrota debilis* Pers.
- 110 *Portulaca*?
- 113 *Platygaster* sp. n.
- 115 *Jussiaea* *J. affinis* propinqua ad *D. dentata*?
- 117 *Passiflora foetida* Cav.
- 118 *Tournefortia saundersiana* DC.
- 121 *Passiflora* sp. n. aff. *P. lupulina*
- 122 *Passiflora (Asterophora)* sp. n.
- 123 *Melothria*?
- 126 *Anguria* an *A. Makoyana* Lamour.
- 127 *Rourea oblongifolia* Hook. Arn.
- 128 *Conocarpus* sp. n.
- 130 *Cordia peruviana* f. *mexicana* DC?
- 131 *Hedera arborea* DC.
- 132 *Eryngium foetidum* L.
- 135 *Vicia* (*Chorandrum*)
- 136 —
- 138 *Chiococca racemosa* Jacq. var. *ovata*
- 139 *Randia obovata* DC.
- 141 *Ipomoea* aff. *P. lutea*
- 144 *Bomarea spinosa* Ch. Willd.
- 145 *Spermacoce tenuis* L.
- 146 *Diodes rands* DC.
- 148 *Morinda*
- 149 *Ipomoea rotundata* Lamour.
- 177 *Euphorbia tomentosa* Willd.
- 179 *Conocarpus* aff. *C. repens*
- 180 *Sabicea* sp. n.
- 181 — sp. n.
- 182 *Eugenia*
- 184 *Tabernaemontana*?
- 185 *Caracaria (Pipera)*
- 186 *Caracaria (Crateria)* *C. cylocaria* aff.
- 187 *Guaiacum*
- 191 *Conocarpus elliptica* Pers.
- 192 *Caracaria (Fraxinea)*
- 193 *Erythroxylon*
- 194 *Flacourtia* sp. n.?
- 195 *Cestrum*

- 196 *Monimium* aff. *Citronium*
- 197 *Platanus*
- 200 *Blechnum Tweedii* Moench
- 207 *Macfarlanea*
- 209 *Aphelandra Toulariae* Moench
- 211 *Herpotes reptans* Benth.
- 213 — *chamaedryoides* var. *latifolia*
- 215 *Hemodia parviflora* Benth.
- 216 — sp. n.?
- 217 *Herpotes chlorocarpa* HBK.
- 219 *Stachytarpheta paniculata* Schrad.
- 220 *Lippia geminata* HBK.
- 221 *Hyptis verticillata* Jacq.
- 225 *Platanus*?
- 226 *Hyptis squarrosa* Pers. f. *rostrata*
- 228 *Stachytarpheta* *A. secunda* aff.?
- 230 *Ocimum microanthum* Willd.
- 231 *Hyptis capitata* Jacq.
- 232 *Tournefortia laevigata* Lamour.
- 234 *Tabernaemontana grandiflora* L.
- 236 *Hydrolea spinosa* L.
- 237 *Amisclia*
- 238 *Manettia cuspidata* Benth.
- 239 *Ipomoea peruviana* L.
- 240 *Palatifer acetosifolia* Chou.
- 241 *Ipomoea umbellata* A. S.
- 248 *Physalis*
- 250 *Hamadryas* sp. n.
- 251 *Solanum*
- 252 —
- 253 —
- 254 —
- 255 *Maripa M. nandrate* var. *viridis*
- 264 *Polanthes petiolata* Willd.
- 266 *Artanthe*
- 268 —
- 269 —
- 270 —
- 274 *Euphorbia pilulifera* L.
- 275 — *hypericifolia* L.
- 276 — (*Chamaecyparissus*)
- 277 — *hypericifolia* L.
- 278 — (*Chamaecyparissus*)
- 279 *Dalechampia heterophylla* Pers.
- 280 *Myriocarpus stipitata* Benth.
- 281 *Acalypha leptostachya* HBK.?

- 282 *Lacistema*
 285 *Ficus*
 286 *Ficus*
 287 *Coccoloba uvifera*
 289 *Sp. nov. Cuscutaria Prondetiusque off.*
 290 *Littoraezylum*
 291 *Amygdalus*
 292 *Croton*
 293 *Porogonum*
 295 *Alaba sp. n.*
 296 *Dryopteris?*
 297 *Begonia humilis Dry*

- 302 *Peperomia pellucida HBK.*
 304 *Quercus amara var. grandiflora*
 305 *Dolioscarpa*
 307 *Cochlospermum serratifolium DC.*
 308 *Anacardium occidentale L.*
 310 *Pachira*
 312 —
 314 *Adria*
 316 *Choronecha globulifera?*
 317 *Terstroemia chinensis HBK.*
 318 *Lamydesium sp. nov.*
 326 *Epilobium 3rd n. n. Orellana var*
 330 *Drepanocarpus?*



via Liverpool

PAID

J. A. Gray
 Professor of Botany
 Cambridge University
 United States



I have recently my *Monocotyledonae* but ²⁰⁷³ *Orchidaceae*
 and the *isopod* now up
 The *Coupositae* you have I presume already named - I
 have not gone through them yet

Portraits House Hereford
Feb 10 1852

54

My dear Gray

I received your box on Saturday night - with many thanks for the paper which is admirable - and right as to size - except perhaps that some of the sheets are rather bare in one direction - the breadth of the whole sheet or length of the folded sheet which should be 16 1/2 inches full and some are that rather bare - not enough to be of any importance. In the other direction the size is ample 21 1/2 inches is quite sufficient in that direction for even full covers. I shall be very glad to have more & do not think it would come dearer than I pay here if I were to pay the American price besides the duty etc

Wright 130 is certainly not so near *Glossidrium* as I thought but nearer to some *Astragalus* such as *Hornology* and to such allied genera as *Calophaca* *Guldenstedtia* and *Caragana*

My *Coloquia* ~~specimens~~ are not numerous they are with ovate ovate cordate ovate oblong or ovate lanceolate leaflets

C. intromedia? near *Alpinia* Graham Cal. 7 lines long with appressed pubescence
C. ovalifolia? } Cal. 5 lines long with spreading hairs 1. Columbia - Feb 11
C. pulchella? } Thomas, Mexico Coutter rusty pubescence probably *C. ovalifolia*
2 Mexico Berlandier & Hooker garden from Mexico pale pubescence & teeth of calyx narrower than more acuminate especially the lower one
Wright's specimen has still shorter calyx - barely more than 1/2 line or 4/5 and ^{of the plant} pubescence more silky

with narrow ~~late~~ leaves.

C. callosa angustifolia! Mexico & Valde Talpuyabum Graham Leon
Hooker - Cal. 6-7 lines long ^{it} pubescence rather appressed
2. W. Meyer Wright Cal. 4-4 1/2 lines long ^{it} pubescence very soft & ~~much~~

probably they are all varieties of two species *C. pulchella* and *angustifolia* The only pods I have are those you now send with Wright's and some smaller ones from the garden specimen of *pulchella*.

Schubert describes an *ovalifolia* with much larger flowers than any of mine and a new species *obovata* unknown to me
most unusual? & *Quadrifida*

RECORDED
FEB 10 1952
U.S. DEPT. OF JUSTICE

via airmail

Dr. Long

Cambridge University

Boston

United States



57
Kew May 13 1852

My dear Gray

Having received your letter in town I answer it as well as I can from home from Sir W. Hooker's specimens

435 you may put into *Amimacanthus* or *Dryera* as you please I cannot well distinguish the genera which ought to have been left in *Justicia* Gregg's 507 is *Amimacanthus pumilus* Steud! 435 Wright is a new species but in flower is very near the *Dryera Boliviana* Steud. - The *D. ramna* is very different.

436 is another of those things that I should have left in *Justicia* I have not means of examining it very exactly here but it appears to me to have the characters of the above the cor. 4-5 parted the 3 lower divisions not so deeply cleft but the upper scarcely broader than one of them 2 stamens inserted low down anther cells parallel not mucronate capsule as in the other - the calyx more deeply cleft - I have no flower here to look at

Menandrium barbatum A. Gr. - is quite distinct from any I know - certainly no var. of *P. dulce*

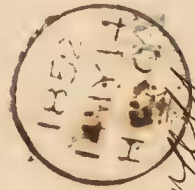
433 & 434 seem to me both to be new species of *Adiantum* (*Tyloglossa*) but I have no flower here to look at - they are neither of them in hb. Hook excepting from Wright and Lindheimer - I will look at *Monachma pelosella* when I get home in about ten days

Sir W. Hooker says he hopes to send you a packet off tomorrow morning.

Yours very sincerely

George Dontham

21



19 CENTS

Wm. G. Webb

Cambridge University
Boston United States

some months has been lying perfectly helpless
and is thought by all around him to be dying.
I hope he is not so bad and may partially recover.
However that may be he has been making
arrangements for his herbarium going at his
death to Cambridge University (I mean our
Cambridge) and I believe I shall see to the arrange-
ment and get certain portions per-
muted and I may in that case want to purchase
a considerable quantity of paper for ever and
I think your mill turn out to be best paper
cost price freight & duty.

It is I believe now quite settled that Kuhn's
herbarium goes to Oxford University who
build for it at the Botanic garden and lay aside
an annual sum toward keeping it up.

I have been almost entirely occupied with
Indian Leguminosae - I have worked up about
100 species of Astragalus (including those) Oxytropis
and small allied genera. I hope for Foster and
J. Thomson are going to begin immediately their
Flora India and if so I shall do the Leguminosae.
I am also getting on with *Plorula longisquamis*
as fast as I can get it printed but it is miserable
work only getting in 8 pages at a time and every-
now and then "no room" even for that. In the
mean time Hausskn. is making a mess in Walpers'
Annalen - his new genus allied to *Deltiniana* is the
old *Delphinium narconotica* and he has a new genus of
Amorbutaria of which the essential character is to
have no ovary at all! - Presl has published
an "Epimelior Botanica" annotated as usual by two
geons and replete with blunders.

I sent a paper on Rostk's *Chrysogon Rubra* to
Copenhagen in April - and am about to do his
compositae.

With kindest regards to Mr. Gray to
whom Mr. Peckham will write shortly
believe me ever your most sincerely
George Peckham

Among Wrights - *Polemonium*

490 = *Lilia rigidula* Benth var *pubeas*

500 = — *incisa* D.

501 = — *longiflora* Don

496, 497 and 499 appear to be new
Lilia

June 2 [1855]

Before I forget it I must
mention that the Amer. Eycl. Expedition
plant from Sydney which we named
Scoua australis is not the true
plant figured in Bot. Mag. ^{F. 1855} but
appears to be *Scoua juncinoides* Kunth.

Wright's 434 is certainly *Monochama*
pilovella Wier and no *Monochama* as you
suspect. - 436 must be a new genus.

I cannot rightly understand
Merr's American genera and do not
think them near so well done as the
Indian portion - and I can now after
looking at the plants again say no
more than I did in town without
reworking up Merr's Juncinoid genera
which would take up a long time.

Gray do not send the money
for *Sporeana* etc. without hearing
from you for I may very likely
give you the commission to lay it out

some months has
and is thought by a
I hope he is not so
However that may
arrangements for
death to Cambridge
Cambridge) and I be
and gluing it and
myself and I may in that case want to purchase
a considerable quantity of paper for cover and
think your mill turn out to be best paper
cost price freight & duty.

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has been sent to Oxford University as the
build for it at the Botanic garden and lay aside
an annual sum towards keeping it up.

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100 species of Astragalus (including them) Oxytropis
and small allied genera. I hope J. Foster and
P. Thomson are going to begin immediately their
Flora India and if so I shall do the Leguminosae.
I am also getting on with *Plorula* *Bois* *Long*
as fast as I can get it printed but it is a miserable
work only getting in 8 pages at a time and every-
now and then "no room" even for that. In the
mean time Hance is making a map in Walpers'
Annale - his new genus allied to *Deltiniana* is the
old *Delina* *marumtoria* and he has a new genus of
Ambretaria of which the essential character is to
have no ovary at all! - Bred has published
an "Epimelior Botanica" saturated as usual by two
years and replete with blunders.

I sent a paper on *Arctostaphylos* *Reiche* *Reiche*
to Copenhagen in April - and am about to do his
Compositae.

With kindest regards to Mr Gray to
whom Mr Beatham will write shortly
believe me ever your most sincerely
George Beatham

16
Dear Gray

Before I forget it I must
mention that the Amer. Eycl. Expedition
plant from Sydney which we named
Reona australis is not the true
plant figured in Bot. Mag. ^{F. 1855} but
appears to be *Reona jarmenoides* Lindl.

Wright's 434 is certainly *Monechma*
pilorella Wier and no *Monechma* as you
suspect. - 436 must be a new genus.

I cannot rightly understand
Mie's American genera and do not
think them near so well done as the
Indian portion - and I can now often
looking at the plants again say no
more than I did in town without
reworking up Mie's Jussiaeoid genera
which would take up a long time.

Gray do not send the money
for *Sporocaulon* etc. without hearing
from you for I may very likely
give you the commission to lay it out.

in paper for covers

We returned from town on Tuesday last - I was very busy whilst there but got one week at Kew for botany whilst Mr Bentham was in Bedfordshire I spent it chiefly at Atrypa and taking notes from Apt. Maars, determinations of Hooker's tropical Gramineae

Brown & Bennett's last part of *Planta Javanica* is I hear out at last I have not seen it but Brown's *Bennettia* is now forestalled by Tulane's *Crematoschys*

D. Candolle's new vol. is out Danieli's *Colanum* with 900 folia species of the genus *Colanum*! - ten or dozen out of *L. tuberosum* & more than that out of *L. nigrum*

Tulane has just published his detailed memoir on *Podostemon* with beautiful illustrations & is a most accurate work

For Hooker's first part of *N. Zealand Flora* is also just out and the 2^d part all ready for

press and printing.

I suppose I shall now soon have to send Dr Candolle the *Evogonum* I will then send Torrey back the few I have of his last parcel with the names.

Ever yours sincerely

George Bentham

I shall probably not stir from home (except for a few days) this summer and hope to get through a little of the work that accumulates & remains

Eaton & Edwards, *Montney* n. 89 is the same as Wright's 435 and I think certainly a new *Anisacanthus*

Contreleur Pierre Herpin

June 2^d [1852 - P.S.]

Yours of the 18th May just arrived may thank for the paper - Pray let me know what it costs per ream - I believe you knew Dr Semmen he had some attacks of apoplexy last autumn and now for

58
Oatridge June 10/82

My dear Gray

I see in Hooker's herbarium that you have ascertained that the Indian *Lagenophora* as well as *L. Billroderii* v. DC. belong to *Ipaucheum* - do you maintain the two genera as distinct - and do you consider the one from Malacca Hong Kong etc as distinct from the Sydney one? & what name do you give it? I should be very glad to have an early answer so as to be in time for that part of *Florula Hongkongensis* - If it be distinct from the Sydney one pray give me your char.

I am occasionally puzzled by *Orsted's* *Nicotiana Composita*, which I am working up - there is not much new but many that are difficult to make out - *Ichlechtendakia* *Racchosis scandens* (not taken up by De Candolle) and my *Dach. asperifolia* which is allied but have generally from one to 600 female fertile flowers in

the male head and one two male
in the female head thus making
a mesh of the generic character - Most
of Dr. Candolle's herbaceous Mexican *Coryza*
or well as the European *C. ambigua*
have all the outer flower. ligulate
and belong really to *Erigeron* near
canadense *Bonariensis* etc. whilst
C. lyrata has all the characters of
Alumina. - indeed between *Alumina*
and *Erigeron Coryza* falls to the
ground unless with Sch. Bip we
suppress *Alumina* and consider the
great mass of them as true *Coryza* -
Then I know not what to do with
Gymnosia without any trace of
pappus and yet no *Helipia* or
Montanoa

I have put up for you the
sheet you wish for of *M. Westlani*
I hope to receive the copy you
kindly send me in my next
parcel from town

Tray thank Mr Cary for his
memorandum on Hartweg's
Californian *Porragium* I am
no doubt he is right and shall
feel thankful for any correction
to *Plantae Hartwegianae* which

I shall duly notice in an Appendix
Many thanks for the
page which I may now
shortly expect.

I enclose specimens of *Jaggeria*
unioides which you most likely
have not got

With kindest regards to
Mr Gray
Yours very sincerely
George Donham

I have written to him again to ~~change~~
alter some names in compliance with
you best - also I had published
described as *Galinsoga calva* what
your observations have reminded me
was put into the genus by HBK and
transformed by DC. to *Salazaria* where I
never thought of *Walp. forest* - I have
altered it to *Galinsoga verticillata* - I
have asked for a spare copy of the
paper for you. - I hope you are
describing *Leemannii* for him.

Definitively I put *Phaea* into *Astragalus*
There are umbellifer *Astragalus* in almost
all the groups and in many a gradual
passage from the complete dissepiment
to none at all - all the sepals flowered
Tragacanthae ~~and~~ without the dissepiment

I think I am clearing up a little the
tribes of Papilionaceous genera - at least
I hope so - I must do something for
Flora India for which I am doing the
Leguminosae

M^{rs} Beutham must again defer
writing to Mr Gray - she fell and hurt
her arm a fortnight ago and must keep
it in a sling for weeks to come - as
however her wrist is free she will now
begin to write a little and as soon as she can
fill a sheet without fatigue she will
herself write Ever yours sincerely
July 15/52 George Beutham

July 15 1852 F.S.

My dear Gray

Many thanks for the paper just
received - I have also received the amount
due from you for Bertoloni and for
Spencer's plants with many thanks -
and the first part of your most valuable
work on Wright's Plants - I regret that
before I received it I had already dispatched
my enumeration of Rostk's Compositae
for I had not thought of examining
either *Eupatorium diffusum* and *rubrocapitatum*
Mexicanus beyond ascertaining their
identity and therefore have not referred
the former to *Brickellia* or the latter to
Geopelia as I have no doubt you are right
in doing. I have ^{disputed} published in it several new
Peruvia, *Eupatoria* and *Senecio* - one
Eupatorium I had half a mind to make
a genus of - the arborescence of *Eupatorium*
but the pappus of 5 setae only - not palea
as in *Ageratum* but slender as in *Eupatorium*
I was also much puzzled with a long series
of *Eupatoria* allied to *Schrederia* a paniculatum
(both of which I had got wrongly named or in great
confusion when you saw my herb.) and I fear
I may have made too many species. *Corypha*
rubescens and its allies ought I should think
to go into *Euphorbia* (Cnidos) - Many new
Helianthemum - *Figueria* *humilis* *Verbenactis*
a fine *Pithecia* very near one of *Leemannii* but
distinct two *Lipochloa* which had I seen you

book I should have called *Leptocarpus* a new genus with the habit of a large *Thibaudia* (of the many headed etc.) which I have called *Podachocnium* because the achocnium are born on a stem half as long as the achocnium & compressed or winged. The anthers are almost palea. Like you I have reduced *Natyptepium* to *Egletes*, *vincosa* - DC. *E. dominicensis* & *glabrata* is I think a distinct species and I have added another - *E. acuticarpa* puzzled me with the ray flower ^{female} sterile but without anthers but otherwise like those of the dist. or rather smaller - not filiform anther *Erechtithis* nor ligulate anther *Leucis* - *Erechtithis cordifolia* I reduce *E. umbellata* Gardner - I have it from numerous places in Brazil the W. Indies & the Indies - I think it distinct from your *E. hieracifolia* though very near it & I think *E. hieracifolia* from Mexico belongs to *cordifolia* - altogether Kuntz's Compositae amount to under 170 species but many of the new ones from some of the mountains they call volcanos (especially Frazer and Maraya both I believe in Nicaragua) are very distinct. I have kept one or two specimens for you but unfortunately there were very few to spare.

I find that there are some misplaced labels in my N. Zealand plants from Cunningham which may have occasioned wrong determinations in your Ann. Appl. ex. plants - at least I have found one *Saururus calycaris* and *S. Tawari* had the labels interchanged - but you will easily find this out as *S. calycaris* is a *Poleanthus* and *S. Tawari* a *Persea* new genus, (*Neurodaphne* J.D. Hook.) which includes *S. Tawari*

I have just worked up *Thermopsis* and *Baptisia* - which are perfectly distinct genera though difficult to characterize on account of the E. Indian species, of which the fruit passes gradually from *T. lanceolata* to the inflated fruit of *inflata* - still *T. inflata* fruit is very different from any *Baptisia*. Its habit is *Baptisia* like *Thermopsis*. All *Thermopsis* of which the lower part of the stem is known to me have a caespitose perennial root often arising throwing up annual stems of which the lower stipules are leafless and reduced to a membranaceous sheath - next come one two or more stipular sheaths with 2, 3 or 4 foliaceous lobes and then pass into the regular leafy stipules with a leaf between them - the passage is much more gradual in the Asiatic than the American species but the lower leafless stipules may be seen in all but *T. mollis* of which I have not the lower part of the stem and *T. fraxinifolia* which I have not got at all - How is it in these two - and have you a specimen of the latter to spare?

I have not the lower part of the stem of a single *Baptisia* - are these stems annual or perennial? & their growth like that of *Thermopsis*? What is *Baptisia linearis* Leavenworth?

Since I wrote the above I have heard from Kuntz that he is preparing my Enumeration of his Rubiaceae & Compositae

see why they should not follow the
fate of the others - there is very good reason
from no false disengagement at all to be
complete one - and that in the greater
number of the natural groups of
Astragalus - the true *Trojananthus*
have scarcely ever any disengagement

I hope you have not many
new ones - of course will absorb
the few remaining unoccupied
names

I suppose you have heard of
the promising trip on which
the Gen. Hooker, T. Thorne and
Harvey have started for Switzerland

Leahy & his daughter are
coming down here next week
for a fortnightly country air

Mr Bentham's arm is getting
well though more slowly than
I hoped - He will have yet to
keep it for weeks in a sling

I expect to have to go to work
shortly on *Eriogonum* but do not
touch them again till I receive the
numbers. My MS was ready & I don't
like to revise it till it comes near printing
Ever yours
George Bentham

Portico Aug 5 1852

I will send more strings another time
than are what I happen to have about me - &
chiefly in stamped envelopes.

My dear Gray

If your specimen of *Ash* be the
same as my *F. latifolia*, the
whole must be reduced to *F.*
americana - The leaves in my
specimen are very much broader
and rounder and all the points
are emarginate like the two herewith
sent. - It is however not impossible
that all may be mere varieties of
F. americana

Your *Wattieria* (*W. lonora* 904)
certainly appears distinct from *W. americana*
All my specimens of that plant (which
are very numerous from Asia Africa
and America) have all the very villous
calyxes etc. and only vary in the form
of the leaves the more or less dense and
repile or pedunculate inflorescence length
of the style length of free part of
filaments. more or less pubescence of
petals - none have any approach to
the cinereo tomentose indumentum of
Wright's plant.
I have however precisely Wright's

plant from British Guiana (Rob.
Schomburgk 2^d Coll. n. 497. Rich Schomb.
n. 761) which I had considered as
probably a new species. The ovary is
tomentose but curiously villous at the apex.

M. cinerascens 1st Coll. from
Mexico. Ovary is very near
but appears a more robust
plant with the inflorescence generally
terminal in large compact more
or less leafy cymes - with however
occasionally a few axillary heads.
The flowers are larger & the ovary
very villous.

There is a *M. glomerata* Presl
from Panama only known to me
by the diagnosis in Walpers, which appears
to have the same whitish indumentum
but the characters do not agree.

I do not possess the *chrenatiflora*
decupata var. *chrenatiflora*
with - It does not answer to the
char. - The Peruvian plants of
Det. Pulph. were mostly in
Hooker's herb.

Spondium reparium agrees with
South American specimens except
that the pedicels are shorter and
the petals apparently minute but

I suspect this may arise from
the flowers at the crown these
were gathered being semiaborted
though fertile like the apetalous
flowers of the odorata set of Nola.

S. parietariifolium DC. is merely
identical with *S. reparium* though
put in a different section, ~~leg.~~
evidently by mistake as Kunth's
& species are put under labellum
calyx vix duplo longiore subrepente
although all have the labellum
"longe unguiculatum" and one
has it calyx "quintuplo longius".
DC. had not seen *S. reparium* when he
described *S. parietariifolium*.

Oreocarya sagora appears to me
quite distinct from *O. decupata* of
which I have Mexican specimens
of Galeotti's garden (in W. Hooker
and of Halim's n. 13 from S. Torrey).

All the European ~~Chaco~~ and
Asiatic ~~Chaco~~ must go into *Astragalus*
except possibly *A. boetica* which I have
not yet examined and somebody makes
a new genus of. - As to American ones
I have not carefully examined the
large inflated noddies but I doubt

My dear Gray

I enclose a tracing
of *Chiodon ligustrina* from
the pen of Miss Lindley - The
two Miss Lindleys are at
present on a visit here
with their father and
are very nice girls

When you next write
pray tell me whether there
is any place where I can
send for you small parcels
I now want to send you a
copy of my paper on *Javanica*
Leguminosae - an 8^{vo} pamphlet
and know not what to do
with it.

I have been taking advantage
of Lindley's visit to get my
orchids in order - I have
a tolerable collection of them
- thanks to you I have most
of your N. American ones - but
not Wuthall's *Tipularia* which
I understand is very rare

Lindley is going to publish
a revision of the order but his
plan is not to follow regularly
from the beginning but to take
up in the first instance such
genera as he can but work up
and leave till last those about
which his data are as yet
insufficient - They will all be
printed uniformly so that they
can be bound up in any order

that may appear desirable

Have you got Sloan's *Jamaica*
If not I have a duplicate copy
which I shall be happy to
send you

Ever yours sincerely

George Bentham

Pontreila Aug 5

60
1862.

My dear Gray

I was just writing to you
when I heard that you were that
day leaving Reno and I then knew
not where to direct to you - I have
this morning heard from Harvey
that you will be with him on
Friday - It has been a very great
disappointment to us not to receive
you & Mr Gray again for however
short a time but I know we have
no claims for taking up more of
your time & making you & Mr
Gray come so far out of your way
still if you yourself could somehow
spend another day here before
you cross the Atlantic I should feel
very much gratified - I have some
Michigan & Costaria Compositae
I want much to show to you - I

want to settle with you what is to
be done with the Eycl. Eyed Leguminosae
-and to talk over various matters
which you will have heard much
about whilst in town. - Whose
getting much more comfortably
settled here now and could I there
have received Mr Gray better
than we did last year and shown
her a little more of the beauties
of our country now that we have
a vehicle and horse. I suppose
however we must give her up
till the next time she comes to
Europe - but you must come
if you can

I received this morning
Torrey's parcel and a parcel you
sent for me to Regent Street with
some Dorset plants from Hooker
& some Am. Eycl. Eyed Leguminosae

What shall I do with your
parcel of ferns?

Yours very truly

George Bentham

past five - in very good
time for dinner - we dine
at 4. past 6 - and if we do not
hear to the contrary expect
you on Tuesday - I only hope
Mr Gray will not find this
retired place dull.

Yours very sincerely
George Bentham